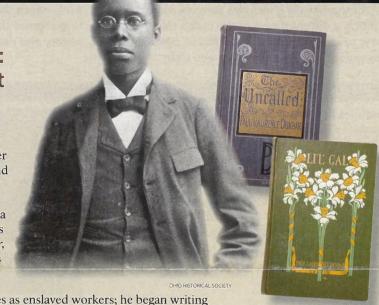
Paul Laurence Dunbar:

Dayton, Ohio, fostered another talent in He was already the high school newspaper editor, president of the literary society, and



National Park Service

U.S. Department of the Interior

talking to people who rode the car, listening to their words, scribbling notes and poems

By the time he died of tuberculosis at age 33, Dunbar had enthralled audiences from Denver to London. In his lifetime, his most famous poems were written in the African

> It is not a carol of joy or glee, But a prayer that he sends from his heart's deep core, But a plea, that upward to Heaven he flings —

Dayton Aviation Heritage National

The day before Wilbur left on his first trip to Kitty Hawk, North

While I am taking up the investigation for pleasure rather than profit, I think there is a slight possibility of achieving fame and fortune.

Figuring Out Flight

tunnel to test wing designs.

In 1900 and 1901, the brothers traveled to Kitty Hawk, North Carolina, to test their gliders in strong, steady wind. Their many failures caused them to question key formulas. They spent weeks scribbling, thinking, and testing models in a wind tunnel. Finally, they found the error. Their 1902 glider flew well, and so in 1903 they built an airplane. On December 17, Orville made the first successful flight, in Kitty Hawk—12 seconds covering 120 feet of The Wright brothers built this wind ground. This was the flight that made

> Back in Dayton, they tinkered, talked, tested-and crashed. With each crash,

they figured out another crucial part of flying. They learned how to warp the wings to turn the plane quickly. They fiddled with the elevator, the structure in front of the pilot that helps lift the plane into the air. By October 1905, they were staying aloft until they ran out of fuel: 39 minutes and 24 miles. They flew in straight lines, circles, and graceful

Wilbur (1867-1912) and Orville (1871-

1948) grew up in a family of talkers and

tinkerers. While helping his father print

church bulletins, Wilbur invented a

machine to do the tiresome work of

folding paper. His younger brother

Orville built and sold kites. Later, Or-

ville opened a print shop while still in

high school; Wilbur joined him in the

business. When they discovered the fun of bicycling, they started a bicycle busi-

ness. By 1896, people in Dayton, Ohio

were riding bikes built by the Wrights

The Wright brothers didn't particularly

stand out in Dayton. Hundreds of in-

ventors lived here. Few people knew

about the brothers' dreams of flying.

that featured improved brakes.

And no one paid much attention as they

flew big kites and watched birds, study-

ing how their wings moved. The broth-

ers tested, talked, and tinkered, using

ready to test their glider somewhere

The brothers also built a better bicycle

with improved brakes.

wide open and with big winds.

their bike-building know-how to build

experimental gliders. By 1900, they were

The Wright brothers discuss a problem that arose during a test flight. Far right: The brothers and their sister Katharine visited Europe in 1909.





history, but they weren't done yet.

Dayton Celebrates! Depository Irem

After proving they could fly, the Wright brothers traveled through Europe demonstrating their airplanes and trying to sell them. They received the first orders in 1909 and came home to Dayton. The city celebrated for three days.

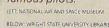
In the next year, they incorporated the Wright Company, built an airplane factory, opened a flight school, and started an exhibition flying team. They also had to deal with people stealing their ideas, so Wilbur traveled frequently to consult with lawvers and appear in court. Some say he died trying to protect their invention—he came home sick from a trip to Boston in 1912 and died soon after.

Orville soon sold the company and built a personal laboratory where he tinkered with small inventions the rest of his life. He also served on the National Advisory Committee on Aeronautics, the predecessor to the National Aeronautics and

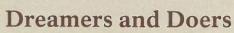
Dayton threw a grand party for the Wrights in 1909 (left). Ten thousand people cheered as they paraded by. Workers were soon building airplanes in the Wright Company's new factory (right).

Space Administration (NASA) When he died in 1948, he left behind a world transformed by a fragile plane made of wood and fabric that he had built with his brother in Dayton, Ohio.

Marjorie Stinson (near left) was the voungest woman to earn wings at that at the Wright School of Aviation, Both she and her sister Kather ine (far left) became famous pilots.







Historical Park commemorates local heroes Orville and Wilbur Wright, who helped us leave the ground behind and see our lives as never seen before. They turned cloth, wood, bicycle chains and gears into the first airplane.

Carolina, he wrote his father:

Dayton's Beloved Poet

Dayton Aviation Heritage National Historical Park

the late 1800s, Paul Laurence Dunbar (1872–1906), whose genius was in words. reciting his poetry publicly when he met Orville, who was in the same class. Their ambitions entwined after high school for a few years as the Wrights printed Dunbar's short-lived newspaper, The Dayton Tattler, and the tickets and advertisements for his

poetry performances. He grew up listening to his parents' stories as enslaved workers; he began writing poems when still a child. By the time he was in high school, Dunbar was known as a promising young poet. After school, though, he was denied positions with Dayton newspapers because of his race. So he operated an elevator. He used this job wellin quiet moments. He published his first book, Oak and Ivy, in 1892.

American dialect of the time. Today he is better known for his poems in standard English. Novelist and poet Maya Angelou took her autobiography's title from one of Dunbar's verses, "Sympathy":

I know why the caged bird sings!

Visiting Dayton's Sites of Flight and Poetry

Dayton Aviation Heritage National Historical Park, established in 1992, includes six sites, each highlighting a different part of the park's story. Hours vary; several sites have a fee. Please check the information for each site before you visit.

The park is part of the National Aviation Heritage Area, which the US Congress established in 2004 to recognize the Dayton region's role in aviation history and development.

1 WRIGHT CYCLE COMPANY AND VISITOR CENTERS

Consider beginning your visit at the Wright Cycle Company (right) and the adjacent Hoover Block, which houses the Wright-Dunbar Interpretive Center and the Aviation Trail Visitor Center. See exhibits on every phase of the Wrights' lives, about aviation history in the Dayton area, and about the life and works of poet Paul Laurence Dunbar. Located at South Williams and West Third streets. Contact the park or go to the park website for hours and more information.



6 HUFFMAN PRAIRIE FLYING FIELD AND INTERPRETIVE CENTER

Airway Road

Burkhardt Avenue

The Wrights made hundreds of test flights over this 84-acre pasture. View exhibits at the interpretive center and enjoy a walk on the historic flying field and the largest prairie remnant in Ohio. Also visit the Wright Memorial, which was erected by the Dayton community to honor the brothers. Huffman Prairie Flying Field is now part of the active Wright-Patterson Air Force Base. Contact the park or go to the park website for hours.

You can also visit the National Museum of the United States Air Force and the National Aviation Hall of Fame, which are nearby. Like Dayton Aviation National Historical Park, they are part of the National Aviation Heritage Area.



Wright-Patterson Air Force Base



2 PAUL LAURENCE DUNBAR STATE MEMORIAI

Dunbar became a well-known poet while the Wright brothers were still testing their planes. In 1904 he bought this house for his mother Matilda. He lived here after he became too sick with tuberculosis to travel and perform. Matilda preserved the house much as Paul knew it, and lived here until she died in 1934. You can usually tour the house on weekends for a fee. 219 N. Paul Laurence Dunbar St.; 937-313-2010.



Wright-Patterson Air Force Base

National Museum of the United States Air Force National Aviation Hall of Fame

Colonel Glenn Highway

Exit 15

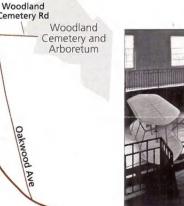
Huffman Prairie Flying Field

Interpretive Center Wright Memorial

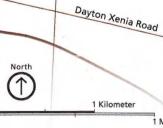
Kemp Road

3 WRIGHT COMPANY FACTORY

In 1910, the Wright Company opened the first factory in the United States designed especially for building airplanes. Students at the Wright School of Aviation also came here to learn plane controls on a simulator. The factory is a new part of the park and is not yet open to the public.



The 1905 Wright Flyer III has long been a highlight of the Wright Brothers Aviation Center



ACCESSIBILITY We strive MORE INFORMATION to make our facilities, servic- Dayton Aviation Heritage to all. For information go to 16 S. Williams St. a visitor center, ask a ranger, Dayton, OH 45402

FIREARMS For firearms regulations check the park website.

call, or check our website.

Emergencies dial 911

4 WRIGHT BROTHERS AVIATION CENTER

The Aviation Center, in Carillon Historical Park, has exhibits about the Wright brothers' lives and work. The centerpiece is the 1905 Wright Flyer III, which Orville Wright helped restore (above right). You can also see the Van Cleve bicycles that the Wright brothers designed. Open daily except some winter holidays; fee. Go to DaytonHistory.org or call 877-BeHistory (234-4786) for more information.



Carillon

Exit 52B

Stewart Street

Park Ave 5 HAWTHORN HILL

Wilbur, Orville, and Katharine—the unmarried siblings of the Wright family—designed this house for themselves. Wilbur died before it was built; Katharine eventually married and moved away. But the house was often filled with Orville's nieces, nephews, and their children. You need a reservation to tour this national historic landmark. Fee. Go to DaytonHistory.org or call 877-BeHistory (234-4786) for more information.



es, and programs accessible

National Historical Park 937-225-7705 www.nps.gov/daav

Dayton Aviation Heritage National Historical Park is one of over 400 parks in the National Park System. To learn more about national parks and National Park Service programs in America's communities, visit www.nps.gov